

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005091**Date Inspected:** 05-Jan-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Shi Lei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Segments**Summary of Items Observed:**

On this date CALTRANS OSM Quality Assurance (QA) Inspector Dan Hernandez was present during the times noted above for observations relative to the work being performed.

This QA Inspector observed the following work in progress:

Bay 14 OBG Assembly

Segment 6AE

Submerged Arc Welding (SAW) of weld joint SEG028B-022 located on SP566B to SP606B. Welder is identified as 062406. ZPMC QC is identified as Zhang Xian Ji. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Submerged Arc Welding (SAW) of weld joint SEG028B-006 located on SP605A to SP565A. Welder is identified as 062406. ZPMC QC is identified as Zhang Xian Ji. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Flux Cored Arc Welding (FCAW) of weld joint SEG028B-023 (Root Pass) located on SP566B to SP536B. Welder is identified as 062406. ZPMC QC is identified as Zhang Xian Ji. The welding variables recorded by QC appeared to comply with the Applicable WPS.

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Submerged Arc Welding (SAW) of weld joint SEG028B-023 located on SP566B to SP536B. Welder is identified as 062406. ZPMC QC is identified as Zhang Xian Ji. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Segment 6CE

Submerged Arc Welding (SAW) of weld joint SEG032B-022 located on SP608A to SP568A. Welder is identified as 062406. ZPMC QC is identified as Zhang Xian Ji. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Submerged Arc Welding (SAW) of weld joint SEG028B-018 located on SP28B to SP568B. Welder is identified as 062406. ZPMC QC is identified as Zhang Xian Ji. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Unless otherwise noted, all observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 150-0042-2372 , who represents the Office of Structural Materials for your project.

Inspected By:	Hernandez,Dan	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
